



# Approaches to Ultrahigh Efficiency Solar Energy Conversion

**FREE Public Webinar**

**Thursday, March 7, 2013  
8:30-10:30 am (PST)**

**California Institute of Technology**

**Beckman Institute Auditorium  
LIVE Internet Broadcast**

The Light-Material Interactions in Energy Conversion (LMI) Energy Frontier Research Center is proud to offer this exciting **FREE WEBINAR** on **Approaches to Ultrahigh Efficiency Solar Energy Conversion**, featuring presentations and an interactive panel discussion with LMI photovoltaic experts from California Institute of Technology, Lawrence Berkeley National Laboratory, and University of Illinois at Urbana-Champaign.

We invite you to join us either at the **Beckman Institute Auditorium** on the Caltech campus or watch our **live internet broadcast** online.

**Visit our event website for more details:**

**<http://lmi.caltech.edu/2013webinar>**

## **Program**

- 8:30-9:00 am **Harry Atwater, Caltech**  
Photonic Design Principles for Ultrahigh-Efficiency Photovoltaics
- 9:00-9:30 am **John Rogers, UIUC**  
Microscale Solar Cells for Macroscale Power Generation
- 9:30-10:00 am **Eli Yablonovitch, LBL**  
The Multi-Spectral Opto-Electronic Physics of Solar Cells,  
Efficiencies >30%
- 10:00-10:30 am **Panel Discussion**  
Future Directions for Light-Material Interactions in Photovoltaics  
**Paul Alivisatos, LBL; Paul Braun, UIUC; Nate Lewis, Caltech**



**LIGHT-MATERIAL INTERACTIONS IN ENERGY CONVERSION**

